



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

RBE350A93-3501-20
Job Sheet 193187



Part No: RBE350A93-3501-20

Job Qty: 10 pcs *2074*

Part Name: Extraction Tool, Hydraulic Pump Pulley Bearing



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 4/9/19

Job Tracking No:

Due Date: 5/6/19 *Sureb*

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG RBE350A93-3501-20 Rev E IPP Rev A 18.01.23 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier	Sign-off
					Setup Hrs	Run Hrs		
110	SL-154 - 1	10 pcs	5/6/19	5/6/19	0.00	5.00	SL-154 - 1	<i>19/05/26</i>
120	QC 2	10 pcs	5/6/19	5/6/19	0.00	0.00	QC 2 - 1	
							QC 2 - 12	
							QC 2 - 14	
							QC 2 - 17	
							QC 2 - 19	
							QC 2 - 2	
							QC 2 - 20	
							QC 2 - 22	
							QC 2 - 23	
							QC 2 - 25	
							QC 2 - 32	
							QC 2 - 33	<i>19/05/26</i>
							QC 2 - 35	
							QC 2 - 39	
							QC 2 - 4	
							QC 2 - 40	
							QC 2 - 44	
							QC 2 - 45	
							QC 2 - 48	
							QC 2 - 49	
							QC 2 - 50	
							QC 2 - 51	
							QC 2 - 52	
							QC 2 - 57	
							QC 2 - 62	
							QC 2 - 63	
							QC 2 - 8	
							QC 2 - 66	
							QC 2 - 64	
							QC 2 - 65	



Container No: S184069



Part: RBE350A93-3501-20

Job No: 193187

Serial No/Batch: S184069

Revision: E

Inspector:

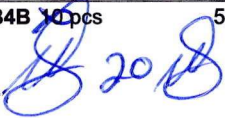
Exp Date:

Instructions:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 05/26/19

Plex 4/9/19 11:29 AM Dart.lajeunesse.marie

130 QC 8	10 pcs	5/6/19	0.00 0.00	QC 2 - 5	
				QC 2 - 71	
				QC 8 - 12	mk 19/05/26
				QC 8 - 14	
				QC 8 - 17	
				QC 8 - 20	
				QC 8 - 25	
				QC 8 - 3	
				QC 8 - 32	
				QC 8 - 33	
				QC 8 - 35	
				QC 8 - 39	
				QC 8 - 4	
				QC 8 - 44	
				QC 8 - 45	
				QC 8 - 49	
				QC 8 - 58	
				QC 8 - 8	
				QC 8 - 9	
				QC 8 - 68	
				QC 8 - 67	
				QC 8 - 1 (A)	
				QC 8 - 47	
				QC 8 - 40	
				QC 8 - 52	
				QC 8 - 23	
150 Outsource - 4 - Anodize	10 pcs	5/6/19		ATG001-VC	10
160 Packaging 2-1 - Receive - B4B	10 pcs	5/6/19	0.00 0.00	Packaging 2 - 1 - B4B	2019-05-29
				Packaging 2 - 2 - B4B	 JUN 10 2019
				Packaging 2 - 3 - B4B	
				Packaging 2 - 5 - B4B	
				Packaging 2 - 4 - B4B	
				Packaging 2 - 6 - B4B	
				Packaging 2 - 7 - B4B	
				Packaging 2 - 8 - B4B	
				Packaging 2 - 9 - B4B	
				Packaging 2 - 10 - B4B	
				Packaging 2 - 11 - B4B	
				Packaging 2 - 12 - B4B	
				Packaging 2 - 13 - B4B	
				Packaging 2 - 14 - B4B	
				Packaging 2 - 15 - B4B	
				Packaging 2 - 16 - B4B	
				Packaging 2 - 17 - B4B	
				Packaging 2 - 18 - B4B	
				Packaging 2 - 19 - B4B	
				Packaging 2 - 20 - B4B	
				Packaging 2 - 21 - B4B	
				Packaging 2 - 22 - B4B	
				Packaging 2 - 23 - B4B	
				Packaging 2 - 24 - B4B	
				Packaging 2 - 25 - B4B	
				Packaging 2 - 26 - B4B	
				Packaging 2 - 27 - B4B	
				Packaging 2 - 28 - B4B	
				Packaging 2 - 29 - B4B	
				Packaging 2 - 30 - B4B	
				Packaging 2 - 31 - B4B	
				Packaging 2 - 32 - B4B	

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				Packaging 2 - 33 - B4B	
				Packaging 2 - 34 - B4B	
				Packaging 2 - 35 - B4B	
				Packaging 2 - 36 - B4B	
170 QC 6	10 pcs	5/6/19	0.00 0.00	QC 6 - 9	
				QC 6 - 68	DAS
				QC 6 - 61	61
180 Packaging 3-1 - Stock - B4B	10 pcs	5/6/19	0.00 0.00	Packaging 3 - 1 - B4B	9-89
				Packaging 3 - 2 - B4B	
				Packaging 3 - 3 - B4B	
				Packaging 3 - 4 - B4B	
				Packaging 3 - 5 - B4B	
				Packaging 3 - 6 - B4B	
				Packaging 3 - 7 - B4B	
				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
190 QC 21 - SA	10 pcs	5/6/19	0.00 0.00	QC 21 - SA - 21	
				QC 21 - SA - 70	DAS
				QC 21 - SA - 53	21

DAS

21

9-89

JUN 10 2019

GA143 A

Part Op 110 - (MORI SL-154 LATHE) 1-Machine as per DWG. FB872 FOLIO REV: AA DWG REV: E 2-
 Descriptions: Deburr 3-Engrave T/N And / or S/N number as required Using Marktronic engraver as per DWG.

120 - (QC2- Inspect parts off machine FAI/FAIB)

130 - (QC8- Inspect parts - second check)

150 - (Outsource process-Anodize per QSI017 4.1.10.1) -Issue P/O to ATG: _____ -ANODIZE COLOR BLACK,
 PER IAW MIL-A-8625F TYPE 2 CLASS 2, Water sealant As Per Dwg RBE350A93-3501-20 Rev. E -Certificate of
 Conformity is required

160 - (Receive & Inspect for Damage & Mat'l Certs)

170 - (QC6- All purchased or subcontracted products)

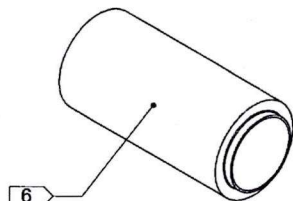
180 - (Identify as per dwg & Stock Location: _____)

190 - (QC21- Final Inspection - Work Order Release)

Job BOM				
Part / Item	Component Name	Quantity	Operation	Container
M6061T6R1.000	Round Bar 1.00"	2.2600 ft (.226 ea)	110-SL-154 - 1	5182184
Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
110-SL-154 - 1	M6061T6R1.000	2	50	0
Part Specifications				
Specifications could not be found.				

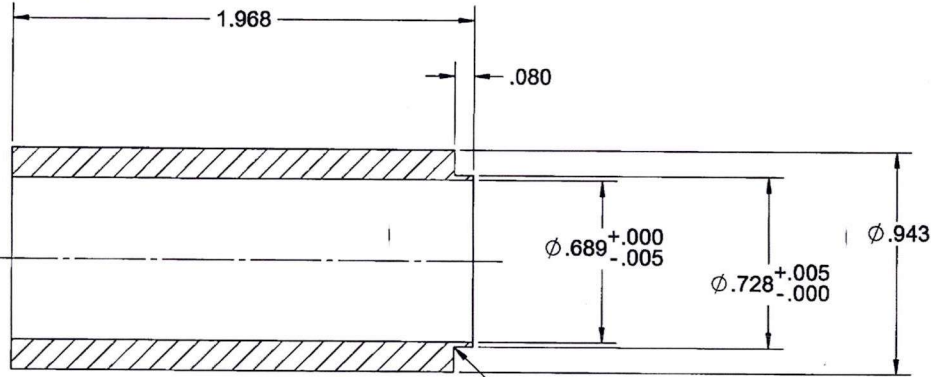
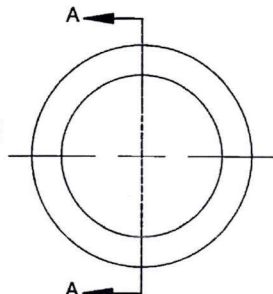
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8 7 6 5 4 3 2 1



SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 193187 ML
14-04-09

REV.	DESCRIPTION	ECN #	DATE	BY	APPROVED
A	CHD P/N -20 MATERIAL & BOM INFORMATION, ADDED ENGRAVE NOTE PER G.E.	-	11/17/09	RJC	RW
B	CHANGED FROM HARD ANODIZE CLASS III, TO REGULAR ANODIZING CLASS I	-	7/1/10	WP	RW
C	CHD FINISH SPECIFICATION FROM TYPE 1 PER R.W.	-	7/26/10	RJC	RW
1	ADDED MAX R.008 PER G.E.	-	12/17/10	RJC	RW
1A	CHD T/N WAS RBEA93-3501-20 IS RBE350A93-3501-20	-	11/9/13	RJC	RW
E	TEMPLATE UPDATED, DIMENSION .728 CHANGED TO .728 +.005/-0 & DIMENSION .689 CHANGED TO .689 +0/- .005, S/N & MADE IN USA REMOVED FROM ENGRAVING	17-802	17.12.27	VM	ML



SECTION A-A

R.008
MAX

RBE350A93-3501-20 EXTRACTION TOOL, HYDRAULIC PUMP PULLEY BEARING

- NOTES:
- 1) MATERIAL: 6061-T6
 - 2) HEAT TREAT: N/A
 - 3) FINISH: BLACK ANODIZE
 - 4) SPEC: MIL-A-8625, TYPE II, CLASS 2; WATER SEALANT
 - 5) BREAK ALL SHARP EDGES .015 x 45° OR .015R
 - 6) IDENTIFICATION: ENGRAVE T/N "RBE350A93-3501-20"

DART AEROSPACE		Hawkesbury, Ontario, Canada	
TITLE EXTRACTION TOOL, HYDRAULIC PUMP PULLEY BEARING			
PART NO. RBE350A93-3501-20		REV E	
TOOL NO. RBE350A93-3501-20		UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES INTERPRET PER ASME Y14.5M-2009 DIMENSIONS APPLY AFTER FINISHING	
DESIGNED BY: VM 17/12/27	INITIALS AND DATE	TOLERANCES:	FRACTIONS 1/8
DRAWN BY: VM 12/27/2017		XXX ±.005	ANGLES 2.5°
CHECKED BY: VM 01/02/2018		.XX ±.01	SURFACE 125
INFO REVIEW BY: DD 01/02/2018		.X ±.1	ROUGHNESS
APPROVED BY: ML 01/03/2018		SCALE: NTS SHEET 1 OF 1	
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8 7 6 5 4 3 2 1

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QS1042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
				QC / QA Coordinator	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					

RBE 350A93 - 3501-20 INSPECTION SHEET

Rev	Date	Change	Revised by	Approved
B	14.07.31	New Issue	KJ	



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB043576



Supplier: ATG001-VC
A.T.G. Industries Inc
731 INDUSTRIELLE ROAD
ROCKLAND
ON
K4K 1T2 Canada
Phone: 613-446-4544
Fax: 613-446-4556

Attention: Lalande, Marc-Andre

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB043576

PO Date: 5/29/19

Due Date: 6/14/19

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Phone:

Via: Ground

Pymt Terms: Net 30

Freight Terms:

Special Comments:

E-MAILED
2019-05-31

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	193187	RBE350A93-3501-20	Extraction Tool, Hydraulic Pump Pulley Bearing (Outsource process-Anodize per QSI017 4.1.10.1) -Issue P/O to ATG: -ANODIZE COLOR BLACK, PER IAW MIL-A-8625F TYPE 2 CLASS 2, Water sealant As Per Dwg RBE350A93-3501-20 Rev. E -Certificate of Conformity is required	Firmed	-	6/14/19	20 pcs	0 pcs	20 pcs	\$5.20/pcs	\$104.00
2	191988	646.3712	Clip : Various STC's Issue P/O to ATG : Hard Anodize, Color Black and Prime as Per Dwg 646.3712 Rev. A	Firmed	-	6/14/19	24 pcs	0 pcs	24 pcs	\$8.30/pcs	\$199.20
3	191987	646.3711	Clip : Various STC's (Outsource process-Anodize per QSI017 4.1.10.1) Issue P/O to ATG : Hard Black Anodize and Prime as per Dwg 646.3700 Rev. A	Firmed	-	6/14/19	24 pcs	0 pcs	24 pcs	\$8.30/pcs	\$199.20
Grand Total:											\$502.40



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB043576



Order Notes

Procurement Quality Clauses

A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

A handwritten signature in black ink, appearing to be "J. H. Kimberley".

Plex 5/31/19 10:11 AM Dart.Guerin.Kimberley



A.T.G. Industries Inc.
760 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 917976

Date: 07-Jun-19

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Patrick Lussier
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		ATG Delivery	
Quantity	Description		
	Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.		
20 ea	Part: RBE350A93-3501-20 Extraction Tool, Hydraulic Pum Anodize per MIL-A-8625F, Type II, Class2, Black, .0004-.0010" (4 - 1 mils). Water Sealant Job: 25221 PO: POHB043576	Rev: E Line: 1	DAS 61 9-89
CERTIFICATE OF CONFORMANCE A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements. Date: <u>JUN 07 2019</u> Certified Signature: <u></u> Receiver Signature: _____ A.T.G Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited. Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt. RECEIVED JUN 10 2019 DART AEROSPACE LTD. Made in Canada.			